

## Maths Subject Leader Report - 2016-17

The school Year 2016-17 was a highly successful one for Maths at Guardian Angels. This was evident with our results at the end of KS2 where we achieved 83% of pupils meeting the expected standard and 33% of the being at greater depth.

Many strategies were implemented to enable the school to achieve so positively this year. We taught themes in units using the White Rose Maths Hub resources which ensure all children understand concepts fully before moving on. The units have ensured full coverage of the curriculum, building in sufficient time for problem solving and reasoning before moving on.

We have changed the way we teach Maths so the whole class are taught together using the mastery approach. This involves an anchor task at the start of each lesson which the children try to solve themselves, before sharing their ideas with each other and then the rest of the class.

In many classes, children can also choose their own challenge, which they feel confident in attempting, for their independent work once the main concept has been taught. We have also introduced many new maths resources throughout the school to ensure that practical maths is used to aid conceptual understanding before moving onto the abstract.

To support Maths learning, we have introduced some pupils in Years 5 and 6, to Third Space Learning, a one-to-one intervention programme where each pupil had on-line lessons with an individual tutor tailored to their specific needs.

Every pupil in KS2 also has access to Mathletics and MyMaths, both in school and at home, where they can improve their Maths knowledge by playing interactive games or following the tasks set by their teacher. The children enjoy these activities and it can get very competitive! EYFS and KS1 children have played many interactive Maths games individually or on the IWB using MathsEggs and Education City.

EYFS children enjoyed many 'real-life' Maths activities both inside and outside the classroom, working collaboratively with each other.

During the Spring term, teachers carried and open door procedure where they observed each other's Maths lessons (in particular maths lead and Year 3 teacher) It was a great professional development opportunity which we will be repeating next year. During other observations, it was evident that the level of engagement of the children was high and there was more mathematical talk, discussing their ideas and methods.

To support staff, there have been many opportunities during the year for continuing professional development. These have included training for Teaching for Mastery Training, Greater depth Training, Maths for NQTs, TA Maths training and Mathletics.

As a subject leader, I have completed a MaST qualification and was shortlisted to work for the Central Maths Hub.



